

songhyun
GlowOne
A LIGHTING COMPANY



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THE LIGHTING'S ON FOR YOU





The Lighting's on for you

Saving World Energy with a Global LED lighting professional, "GlowOne"

GlowOne is a lighting professional company producing and distributing LED lighting products those are environment-friendly and, for the ECO-friendly future and Green Growth, advanced energy saving technologies are applied to.

GlowOne's industrial lighting techniques can make the LED lights more reliable even under extreme conditions (high temperature, high humidity, dust and vibration) and also can provide all kinds of the LED Lighting products. The GlowOne's LED Lighting products are now illuminating all over the places (indoors, outdoors, industrial sites, etc.) in the world.



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GlowOne History



TMC is the world's largest marine cable manufacturer founded in 1991 and the origin of SONGHYUN Group.

GlowOne is a lighting company founded in 2010 as "POSCO LED". GlowOne is a revolutionary, Green-growth technology that allows for improvements in living and working environments.

Founded as 'Korea Bolt' in 1963, KPF is the world-leading parts and fasteners manufacturer and publicly listed on KOSDAQ since 1994.

Industrial LED Solution

A global company specializing in LED lighting with a strong commitment to sustainability.

LED lighting has taken firm root not just in industrial, public and commercial facilities but also in our homes and daily lives. Combined with convergence technology, it continues its evolution to bring more convenience and innovation to our lives. Based on the combination of the engineering and the leading LED technology, GlowOne delivers smart lighting to create a quality lighting environment.

16. 07	2016	Company name was changed from POSCO LED to GlowOne	 → 
15. 02	2015	Moved the headquarters to Giheung	
14. 10	2014	Won the grand prix at the LED/OLED lighting competition	 
12. 03	2013	Obtained the ISO 14001 certification	
13. 12	2013	Established TG POSCO, a joint venture company in China	 
12. 03	2012	Won the world's top three design awards (iF Award, redden, Good design)	  
12. 04	2012	Held a showcase at Korea LED EXPO in Germany	
11. 03	2011	Commercialization of Factory Light	
10. 09	2010	Established POSCO LED	
10. 12	2010	Obtained the ISO 9001 certification	

Annual benefits when replacing 30% of the conventional lights with LED Lights (in Korea)

USD 1.4 billion in electricity cost can be saved
6.8 million tons of CO₂ emission can be
reduced, equivalent to:

 **1.7 million vehicles**
being permanently eliminated
(based on mid-size cars emitting 4 tons of CO₂ annually)

 **340 million trees**
being planted
(based on trees absorbing 20kg of CO₂ annually)

 **2 nuclear power plants**
being constructed
(based on 1-million-KW plant)

Essential Benefits

LED Light is not an option but a necessity

Due to its greater impact on energy savings and eco-friendliness than conventional lights, the worldwide demand for the LED light is rapidly growing.

Why LED?

LED lighting technology, leading low carbon green growth, enables a sustainable and refined life by enhancing the living and working environments.

Sustainability

Maximize energy & cost saving

LED Lighting reduces electricity costs with high energy efficiency. Its long life extends your maintenance cycles and allows you to save maintenance costs. It saves electricity bills up to 85% compared to conventional incandescent lamps.

Environmental Friendliness

The LED lighting contains no hazardous substances such as mercury and does not emit hazardous wavelengths such as infrared (IR) and ultraviolet (UV) rays. Furthermore, it reduces CO₂ emissions by up to 85% compared to conventional incandescent lamps, also aids global warming prevention.

Smartness

Integration of IT and LED Lighting

-Smart LED Lighting Management System

Through the use of the Smart LED Lighting System (Lighting Management System), the brightness, color, color temperature, lighting time, lighting sequence for LED lighting can be controlled in accordance with the environment and its purpose of use. For a more convenient and enriched life, Smart LED Lighting System can be integrated into the home network, Intelligent Building System (IBS) and Energy Management System (EMS).

Creativity

Unlimited Color Possibilities

LED lighting can produce a variety of dynamic and natural colors through color mixing and brightness adjustments.

Endless Design Possibilities

The small and lightweight characteristics of LED lighting allow endless possibilities to create unique and various designs

Why GlowOne?

Technology

Securing cutting-edge technologies through collaboration with Songhyun Group companies.

GlowOne leads the LED lighting market with advanced Optics / Radiation / Circuit technologies accumulated through cooperative research development with POSTECH(Pohang University of Science and Technology) & RIST(Research Institute of Industrial Science & Technology). GlowOne is developing new kinds of LED lighting technologies with research centers of Songhyun Group companies (TMC, KPF, SEEPEL) – the world renowned research centers.

More Advanced Technology Based on Feedback from Installation

Our products are the concentration of enhancements that has been built on from the feedbacks of customers in various conditions of nearly 100 industrial sites in 22 countries for the past five years.

Quality

Products Reliability Officially Proven by Global Standards

We obtained required certifications for LED lightings of various countries after being tested by certification domestic and abroad laboratories and received the recognition of our outstanding quality. Our quality management system, that covers the whole production process from development to manufacturing, allows us to challenge zero in error.

Best Application Technology in Extreme Conditions

The smart-fan technology of "GlowOne" can be applied even into the sites with high temperature, high humidity and strong dust conditions. The vibration damper is a cutting-edge technology and suitable for various conditions of industrial sites.

Total Service

Highly customized consultation service ranging from choosing products to developing of solutions

Our sales engineers are dedicated to meet needs of energy savings and relevant solutions for customers. We can provide immediate and precise approach through our extensive customer service network.

Easy to install and maintain

Our products can be easily installed into the various positions such as ceiling, walls, and tall structures by connecting the bracket (that we provide when you purchase our products) with chains, pipes, or fasteners. Furthermore our products are designed easy to replace parts and to maintain with our LED techniques which are obtained from our field cases.



Innovative technology

High Value-added LED Lighting from Continuous Innovation in Technology

Based on our experiences in industrial installation across the world, we are trying to develop something better. We strive for best satisfaction and credibility of customers by providing consultation and customer services to find the better way of energy saving.

GlowOne Lighting Products literally lighting up industrial sites in 22 countries

In addition to industrial sites in Korea, America, Europe and Asia, we light up anywhere including residential spaces, offices and roads, where there is a need for lighting

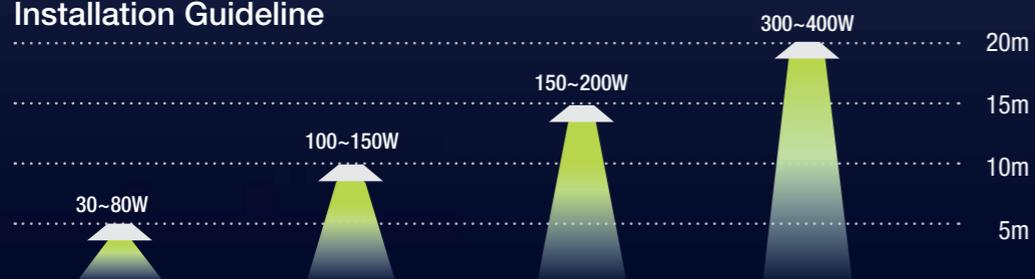
Global Presence

A world map with 22 countries highlighted by yellow circles. Blue lines connect these circles to various photographs of lighting installations in different settings. The countries shown are: United Kingdom, Denmark, Germany, Czech, Turkey, Finland, China, Korea, Japan, Philippines, Singapore, Indonesia, Australia, United States of America, and Brazil. The photos include: a factory interior with high ceilings; a large warehouse with a green floor; a gas station at night; a modern office interior; a retail store with bookshelves; a road at night; a tunnel interior; a Christmas tree at night; a building facade at night; and various industrial and commercial lighting fixtures.

Products portfolio



Installation Guideline



1

Tall Structure

Wharfs, Terminals, Inside of underground Mines, High Columns, Open Stadiums, Aviation Sheds, etc.



LE400

BL395 G2



2

High bay

High-rise Plants or Factories, Warehouses, Gymnasiums, Supermarkets, Assembly-lines, etc.



BL200 G2

BL150

BL145



3

Low bay

Low-rise Plants or Factories, Warehouses, Supermarkets, Shopping Malls, Exhibition Centers, Gymnasiums, HACCP, etc.



BL100 G2

BL115

BL085



4

Indoor

Commercial lighting, Retails, Residential or Educational Facilities, Parking Garages, Offices, Storehouses, etc.



Panel Light

Down Light

Linear Light



5

Outdoor

Roads / Expressway / Streets / Boulevards, Public facilities, Pedestrian walkways, Parks, etc.



LE025

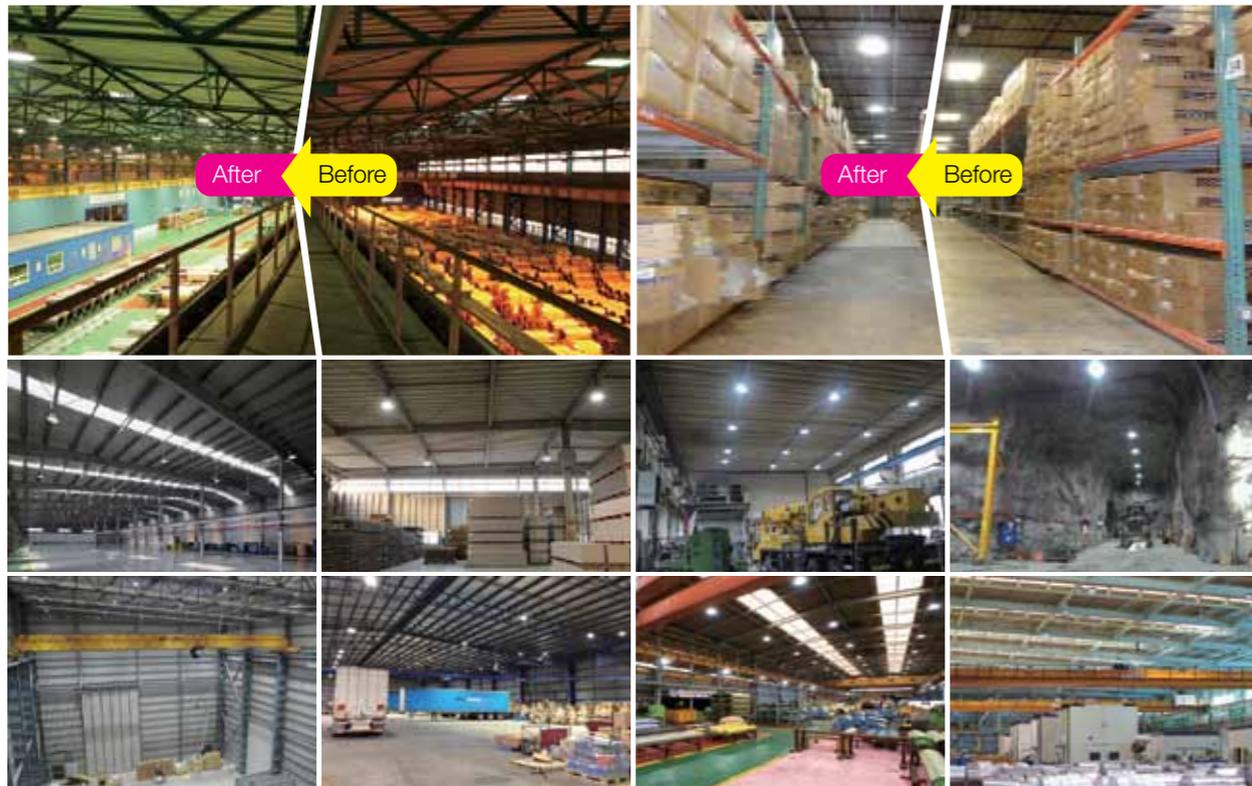
Street Light

Security Light Lamp

Installation Site

Baylight

The baylight products of GlowOne can offer the optimum luminous environment through optimizing brightness, angle of beam spread, optional accessories/parts for satisfying for each customer's specific needs. The life expectancy of the baylight products is 5 times longer than High pressure fluorescent lamp. The baylight products of GlowOne can reduce fraction defective & accident and improve efficiency of work by providing high visibility of color rendition in the working place.



Indoor

The indoor lights of GlowOne can help relieve eye fatigue and improve customer's business efficiency by providing even brightness and minimizing glare. As a result, customers are safe from hazardous wavelengths.



Outdoor

The Outdoor lights of GlowOne are in the form of a module with high reliability and various range of light amount through designing light distribution pattern and waterproof/dustproof.



Certificate



ISO9001

ISO14001

CE

Electrical Appliances Safety Certificate

Awards

Top 3 Design Awards

We pursue the sophisticated, user-friendly design that could add more values to a space.

IF Design

One of the world's prestigious design awards, established in 19



Reddot

Established in 1950, the reddot design awards recognize the future-forwarding and innovative approach in design.



Good Design

A design award that values practicality, functionality, modeling and economic efficiency and consumer satisfaction of design



2014

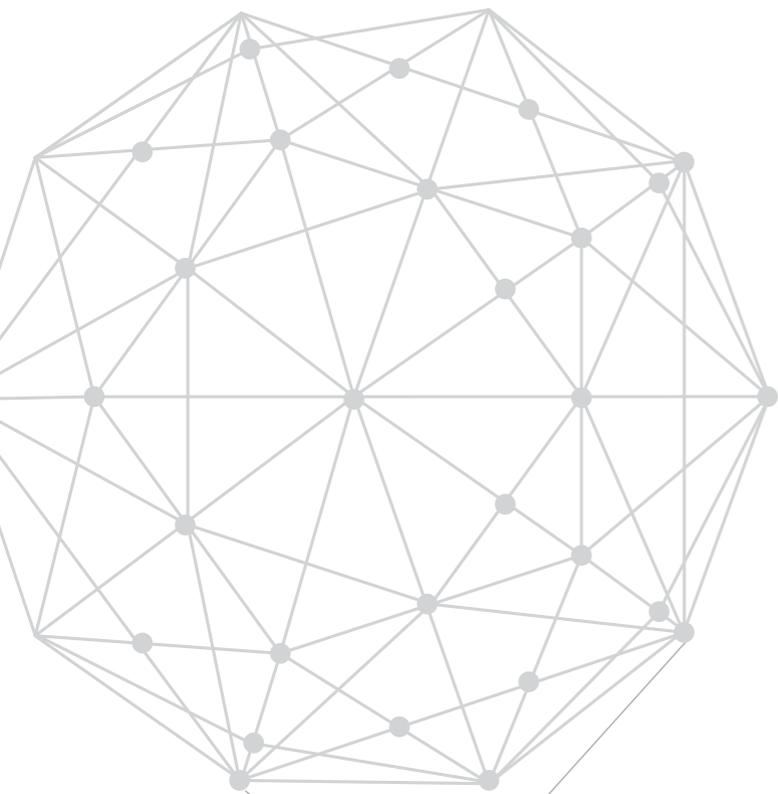


2012



2011





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Contact Information

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- **Po-hang Office** : 1412-3, Won-ri, Ocheon-eup, Nam-gu, Pohang-si, Gyeongsangbuk-do, Republic of Korea
- **Gwang-yang Office** : 896-100, Taein-dong, Gwangyang-si, Jeollanam-do, Republic of Korea

Global Office

- **TG POSCO Office** : No.6 South Road, Modern Equipment Manufacturing
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TG POSCO(TANGSHAN) NEW LIGHT SOURCE CO., LTD

- **Vietnam Songhyun Office** : Plot XN 2, Dai An Expansion IZ, Hai Duong Province, Vietnam